Index

ambiguity 1
analog process 283
animal intelligence 1, 219
artificial intelligence 1, 219
associative memory 313
asymmetric causal dependency 097
autonomy 1

Block 097
Boolean semantics 475

calculation 1
causal process 283
causation 219
Chinese Room Experiment 219
Church-Turing thesis 283
cognitive models 073
cognitive science 1
computation 1
computational models 155
computers 1
concept languages 453
confirmation 155
connectionism 53, 73, 125, 183, 253, 271
connectionist AI 053
consciousness 1, 219
constraints on hybrid systems 073
content 097
coordination 319
deindexing 381

Descartes 1, 219
distribution 271
Dretske 1

effective procedure 283
episodic logic 381
error 201
expert networks 53, 125
expert systems 053
explicit rules 183

Fodor 97, 253
free will 1

generalized quantifiers 453

holism 1
hybrid systems 073

ID3 253
induction 031
inductive logic 031
inference 381
inferencing in natural language 475
input 201
intentionality 1, 219
intentions 319
interruptions 073

knowledge representation 475

learning 053

machine learning 031
meaning 097
mental unity 1
modeling natural language 475

negation 475
negative information 475
neural networks 53, 125

observation 201
observation report 201
observation statement 201
observational judgment 201
Occam's razor 1
other minds 1
other-minds problem 219

part-whole relation 453
pathologies 097
perception 201
phase transition 313
plans 319
plurals 453
pocket calculators 1
prior probability 031
processing time measures 155
Pylshyn 253

Quinlan 253

RAAM networks 125
random graph 313
reasoning 053
recurrent networks 125
relate complexity evidence 155
relevant evidence 155

Minds and Machines **3**: 513–514, 1993.

representation 183
representation of natural language 475
resolute-choice 319

Searle 1, 219
semantics 097
Smolensky 253
sub-symbolic models 053
subjectivity 1, 219
subsymbol 271
symbol 271
symbol grounding 219
symbolic AI 053
symbolic models 053
symbolic/subsymbolic distinction 253
symbolic systems 073
syntax-sematics interface 381

TDIDT (top-down induction of decision trees) 253
token/type physicalism 155
Turing 219
Turing machine 283
Turing test 1
Turing's Test 219

uniform convergence 031

verbal reports 155

weak/strong equivalence 155